

ABSTRACT

Soda-lime glass of blue hue

The invention relates to a coloured soda-lime glass of blue hue, containing more than 2 wt.% of MgO, more than 1.1 wt.% of Fe₂O₃, less than 0.53 wt.% of FeO and less than 0.13 wt. % of MnO₂, and presenting under Illuminant A and for a glass thickness of 4 mm, a transmission factor (TLA4) higher than 15%, a selectivity (SE4) higher than 1.2 and a dominant wavelength (λ_D) and a purity of excitation (P) such that they are located in the CIE chromaticity co-ordinate diagram inside a triangle whereof the apices are defined by the point representing the illuminant source C and the points whereof the co-ordinates (λ_D , P) are (490,19) and (476,49) respectively. Said glass is particularly suitable for motor vehicle side windows, rear windows and sun roof.